

SEQUENCE LISTING

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<120> IL-18 Binding Proteins

<130> BBC-085

<140> not yet assigned

<141> filed concurrently herewith

<160> 47

<210> 1

<211> 193

<212> PRT

<213> Homo sapiens

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Leu Glu Ser Asp Tyr Phe Gly Lys Leu Glu Ser Lys Leu Ser Val Ile
 35 40 45

Arg Asn Leu Asn Asp Gln Val Leu Phe Ile Asp Gln Gly Asn Arg Pro
 50 55 60

Leu Phe Glu Asp Met Thr Asp Ser Asp Cys Arg Asp Asn Ala Pro Arg
 65 70 75 80

Thr Ile Phe Ile Ile Ser Met Tyr Lys Asp Ser Gln Pro Arg Gly Met
 85 90 95

Ala Val Thr Ile Ser Val Lys Cys Glu Lys Ile Ser Thr Leu Ser Cys
 100 105 110

Glu Asn Lys Ile Ile Ser Phe Lys Glu Met Asn Pro Pro Asp Asn Ile

115

120

125

Lys Asp Thr Lys Ser Asp Ile Ile Phe Phe Gln Arg Ser Val Pro Gly
 130 135 140

His Asp Asn Lys Met Gln Phe Glu Ser Ser Ser Tyr Glu Gly Tyr Phe
 145 150 155 160

Leu Ala Cys Glu Lys Glu Arg Asp Leu Phe Lys Leu Ile Leu Lys Lys
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Glu Asp Glu Leu Gly Asp Arg Ser Ile Met Phe Thr Val Gln Asn Glu
 180 185 190

Asp

<210> 2
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Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
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Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 35 40 45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 50 55 60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 100 105 110

Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
 225 230 235 240

Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
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Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser Lys
 1 5 10 15

Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys Asp Tyr
 20 25 30

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
 35 40 45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
 50 55 60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 65 70 75 80

Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 85 90 95

Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 100 105 110

Pro Ala Pro Glu Ala Ala Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 115 120 125

Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
 130 135 140

Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 145 150 155 160

Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu
 165 170 175

Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190

His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205

Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly
 210 215 220

Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu Glu
 225 230 235 240

Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr
 245 250 255

Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 260 265 270

Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285

Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
 290 295 300

Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr
 305 310 315 320

Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
 325 330

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Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln
 1 5 10 15

Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr
 20 25 30

Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser
 35 40 45

Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr
 50 55 60

Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys
65 70 75 80

His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro
85 90 95

Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
100 105

<210> 5
<211> 105
<212> PRT
<213> Homo sapiens

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Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser Glu
1 5 10 15

Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser Asp Phe
20 25 30

Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser Ser Pro Val
35 40 45

Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln Ser Asn Asn Lys
50 55 60

Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro Glu Gln Trp Lys Ser
65 70 75 80

His Arg Ser Tyr Ser Cys Gln Val Thr His Glu Gly Ser Thr Val Glu
85 90 95

Lys Thr Val Ala Pro Thr Glu Cys Ser
100 105

<210> 6
<211> 121
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<213> Homo sapiens

<400> 6

Glx Val Gln Leu Val Gln Ser Gly Thr Glu Val Lys Lys Pro Gly Glu
1 5 10 15

Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Thr Val Thr Ser Tyr
 20 25 30

Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
 35 40 45

Gly Phe Ile Tyr Pro Gly Asp Ser Glu Thr Arg Tyr Ser Pro Thr Phe
 50 55 60

Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Phe Asn Thr Ala Phe
 65 70 75 80

Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
 85 90 95

Ala Arg Val Gly Ser Gly Trp Tyr Pro Tyr Thr Phe Asp Ile Trp Gly
 100 105 110

Gln Gly Thr Met Val Thr Val Ser Ser
 115 120

<210> 7
 <211> 109
 <212> PRT
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<400> 7

Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Glu Ser Ile Ser Ser Asn
 20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Phe Ile
 35 40 45

Tyr Thr Ala Ser Thr Arg Ala Thr Asp Ile Pro Ala Arg Phe Ser Gly
 50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
 65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Pro Ser

85

90

95

Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg
 100 105

<210> 8
 <211> 121
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 <213> Homo sapiens

<400> 8

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Thr Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
 20 25 30

Gly His Tyr Trp Thr Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

Leu Lys Ser Arg Leu Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
 65 70 75 80

Ser Leu Lys Leu Ser Ser Val Ala Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95

Cys Ala Arg Asp Arg Gly Gly Ser Gly Ser Tyr Trp Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 9
 <211> 109
 <212> PRT
 <213> Homo sapiens

<400> 9

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Gly Ser Arg Ser Val Ser Ser Gly
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile Tyr Gly Val Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr His Gly Ser Pro
 85 90 95

Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
 100 105

<210> 10
 <211> 118
 <212> PRT
 <213> Homo sapiens

<400> 10

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Arg Asn Tyr
 20 25 30

Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Gly Tyr Ile Tyr Ser Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
 50 55 60

Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
 65 70 75 80

Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
 85 90 95

Arg Asp Arg Gly Gly Ala Ser Phe Phe Asp Tyr Trp Gly Gln Gly Thr
 100 105 110

Leu Val Thr Val Ser Ser
115

<210> 11
<211> 108
<212> PRT
<213> Homo sapiens

<400> 11

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Ile Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ile Ile Gly Gly Tyr
20 25 30

Leu Asn Trp Tyr Gln Gln Arg Pro Gly Lys Ala Pro Lys Phe Leu Ile
35 40 45

Tyr Ser Thr Ser Ile Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Tyr Ile Thr Pro Pro
85 90 95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 12
<211> 119
<212> PRT
<213> Homo sapiens

<400> 12

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Asn Ser Gly
20 25 30

Asp Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu

35 40 45
 Trp Ile Gly His Ile Ser Tyr Arg Gly Thr Thr Tyr Tyr Asn Pro Ser
 50 55 60
 Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
 65 70 75 80
 Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Cys
 85 90 95
 Cys Ala Arg Asp Arg Gly Gly Gly Phe Phe Asp Leu Trp Gly Arg Gly
 100 105 110
 Thr Leu Val Thr Val Ser Ser
 115
 <210> 13
 <211> 109
 <212> PRT
 <213> Homo sapiens
 <400> 13
 Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15
 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Arg Ser Leu Ser Ser Gly
 20 25 30
 Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45
 Ile Tyr Gly Ala Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60
 Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80
 Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Tyr Ser Pro
 85 90 95
 Leu Thr Phe Gly Gly Gly Thr Arg Val Glu Ile Asn Arg
 100 105

<210> 14
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 <213> Homo sapiens

<400> 14

Glx Val Gln Leu Val Glu Ser Gly Gly Gly Ser Val Gln Pro Arg Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 20 25 30

Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ser Tyr Phe Ser Ser Ser Gly Gly Ile Ile Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Asp Asp Ser Ser Gly Tyr Tyr Pro Tyr Phe Phe Asp Tyr Trp
 100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 15
 <211> 114
 <212> PRT
 <213> Homo sapiens

<400> 15

Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu Gly
 1 5 10 15

Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Thr Val Leu Tyr Arg
 20 25 30

Ser Asn Asn Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Ser Gly Gln
 35 40 45

Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
 50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr
 65 70 75 80

Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
 85 90 95

Tyr Tyr Ser Thr Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile
 100 105 110

Lys Arg

<210> 16
 <211> 120
 <212> PRT
 <213> Homo sapiens

<400> 16

Glx Leu Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Arg
 20 25 30

Val Tyr Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Ser Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Ala Ser Lys Asn Gln Phe
 65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Ile Tyr Tyr
 85 90 95

Cys Ala Arg Glu Asp Ser Ser Ala Trp Val Phe Glu His Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 17
 <211> 109
 <212> PRT
 <213> Homo sapiens

<400> 17

Glu Ile Val Leu Thr Gln Ser Pro Asp Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser His Ile Leu Ser Arg Asn
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Met Tyr Gly Ile Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Gly Ala Asp Phe Thr Leu Thr Ile Asn Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln His Tyr Asp Asn Ser Leu
 85 90 95

Cys Ser Phe Gly Gln Gly Thr Lys Leu Glu Val Lys Arg
 100 105

<210> 18
 <211> 119
 <212> PRT
 <213> Homo sapiens

<400> 18

Glx Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Asn Tyr
 20 25 30

Gly Leu His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Val Ile Trp Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Ser Tyr Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
100 105 110

Thr Thr Val Thr Val Ser Ser
115

<210> 19
<211> 108
<212> PRT
<213> Homo sapiens

<400> 19

Glu Ile Val Met Thr Gln Ser Pro Ala Thr Leu Ser Val Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Phe Asn Ser Asn
20 25 30

Leu Val Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Ser
65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Asn Asn Trp Thr Trp
85 90 95

Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 20

<211> 119
 <212> PRT
 <213> Homo sapiens

<400> 20

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Asn Ser Gly
 20 25 30

Asp Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly His Ile Ser Tyr Arg Gly Thr Thr Tyr Tyr Asn Pro Ser
 50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
 65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Cys
 85 90 95

Cys Ala Arg Asp Arg Gly Gly Gly Phe Phe Asp Leu Trp Gly Arg Gly
 100 105 110

Thr Leu Val Thr Val Ser Ser
 115

<210> 21
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 <212> PRT
 <213> Homo sapiens

<400> 21

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Gly
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile Tyr Gly Ala Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Tyr Ser Pro
 85 90 95

Leu Thr Phe Gly Gly Gly Thr Arg Val Glu Ile Asn Arg
 100 105

<210> 22
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 <212> PRT
 <213> Homo sapiens

<400> 22

Glx Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser His Tyr
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Val Ile Ser Tyr Asp Gly Arg Asn Lys Tyr Tyr Val Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Phe Tyr Cys
 85 90 95

Ala Arg Glu Lys Gly Gly Ser Gly Trp Pro Pro Phe Tyr Tyr Tyr Tyr
 100 105 110

Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
 115 120 125

<210> 23
 <211> 113

<212> PRT
<213> Homo sapiens

<400> 23

Asp Ile Val Met Thr Gln Thr Pro Leu Ser Leu Ser Val Thr Pro Gly
1 5 10 15

Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Asn Leu Leu Tyr Ser
20 25 30

Asp Gly Glu Thr Tyr Leu Cys Trp Tyr Leu Gln Lys Pro Gly Gln Pro
35 40 45

Pro Gln Leu Leu Ile Tyr Glu Val Ser Asn Arg Phe Ser Gly Val Pro
50 55 60

Glu Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
65 70 75 80

Ser Arg Val Glu Ala Glu Asp Val Gly Ile Tyr Tyr Cys Met Gln Asn
85 90 95

Val Gln Leu Pro Leu Thr Phe Gly Gly Gly Thr Arg Val Glu Ile Lys
100 105 110

Arg

<210> 24
<211> 120
<212> PRT
<213> Homo sapiens

<400> 24

Glx Thr Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Arg
20 25 30

Val Tyr Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
35 40 45

Trp Ile Gly Ser Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Ser Pro Ser

50

55

60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Ile Tyr Tyr
85 90 95

Cys Ala Arg Glu Asp Ser Ser Ala Trp Val Phe Glu His Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 25
<211> 109
<212> PRT
<213> Homo sapiens

<400> 25

Glu Ile Val Leu Thr Gln Ser Pro Asp Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ile Leu Ser Arg Asn
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Ile Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Ala Asp Phe Thr Leu Thr Ile Asn Arg Leu Glu
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln His Tyr Asp Asn Ser Leu
85 90 95

Cys Ser Phe Gly Gln Gly Thr Lys Leu Glu Val Lys Arg
100 105

<210> 26
<211> 120
<212> PRT

<213> Homo sapiens

<400> 26

Glx Leu Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Asp Ser Arg
20 25 30

Ile Tyr Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
35 40 45

Trp Ile Gly Ser Ile Tyr Tyr Arg Gly Ser Thr Tyr Tyr Asn Pro Ser
50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Pro Lys Asn Gln Phe
65 70 75 80

Ser Leu Lys Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Glu Asp Ser Ser Ala Trp Val Phe Asp Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Ala Thr Val Ser Ser
115 120

<210> 27

<211> 109

<212> PRT

<213> Homo sapiens

<400> 27

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Arg Asn Asn
20 25 30

Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Ala Phe Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu
65 70 75 80

Pro Glu Asp Phe Val Val Tyr Tyr Cys Gln Gln Tyr Gly Asn Ser Ile
85 90 95

Asp Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Asn Arg
100 105

<210> 28
<211> 119
<212> PRT
<213> Homo sapiens

<400> 28

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Asn Ser Gly
20 25 30

Asp Tyr Tyr Trp Ser Tyr Ile Arg Gln His Pro Gly Lys Gly Leu Glu
35 40 45

Trp Ile Gly His Ile Ser Tyr Arg Gly Thr Thr Tyr Tyr Asn Pro Ser
50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Cys
85 90 95

Cys Ala Arg Asp Arg Gly Gly Gly Phe Phe Asp Leu Trp Gly Arg Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 29
<211> 109
<212> PRT
<213> Homo sapiens

<400> 29

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Gly
20 25 30

Tyr Leu Ala Trp Tyr Gln Arg Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45

Ile Tyr Gly Thr Ser Ile Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Ser Ile Ser Arg Leu Gly
65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Tyr Ser Pro
85 90 95

Leu Thr Phe Gly Gly Gly Thr Arg Val Glu Ile Asn Arg
100 105

<210> 30
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<213> Homo sapiens

<400> 30

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
20 25 30

Gly His Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
35 40 45

Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr His Tyr Asn Pro Ser
50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
65 70 75 80

Ser Leu Lys Leu Arg Ser Val Ser Ala Ala Asp Thr Ala Gly Tyr Tyr
85 90 95

Cys Ala Ser Leu Tyr Asn Gly Asn Gly Tyr Phe Asp Leu Trp Gly Arg
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 31
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<212> PRT
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Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Ile Ser Ser Gly
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Ile
35 40 45

Ile Tyr Gly Val Ser Arg Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Ala Asp Phe Thr Leu Thr Ile Ser Arg Leu Asp
65 70 75 80

Pro Glu Asp Phe Val Val Tyr Tyr Cys Gln Gln Tyr Gly Phe Ser Pro
85 90 95

Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 32
<211> 120
<212> PRT
<213> Homo sapiens

<400> 32

Glx Leu Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Arg Ser
 20 25 30

Tyr Asp Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Ser Ile Tyr Tyr Arg Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
 65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95

Cys Ala Arg Glu Tyr Ser Thr Thr Trp Ser Ile Asp Tyr Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 33
 <211> 109
 <212> PRT
 <213> Homo sapiens

<400> 33

Glu Asn Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Ile Arg Asn Asn
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile His Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Gly
 50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Phe Cys Gln Gln Tyr Gly Asn Ser Ile
85 90 95

Ile Thr Phe Gly Pro Gly Thr Lys Val Asp Val Asn Arg
100 105

<210> 34
<211> 119
<212> PRT
<213> Homo sapiens

<400> 34

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Asn Ser Gly
20 25 30

Gly Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
35 40 45

Trp Ile Gly His Ile Ser Tyr Arg Gly Thr Thr Tyr Ser Asn Pro Ser
50 55 60

Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Asp Arg Gly Gly Gly Phe Phe Asp Leu Trp Gly Arg Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 35
<211> 109
<212> PRT
<213> Homo sapiens

<400> 35

Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Asn Ser Gly
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile Tyr Gly Val Ser Ile Arg Ala Thr Asp Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Ala Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Phe Ser Pro
 85 90 95

Leu Thr Phe Gly Gly Gly Thr Arg Val Glu Ile Asn Arg
 100 105

<210> 36
 <211> 127
 <212> PRT
 <213> Homo sapiens

<400> 36

Glx Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser His Cys
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Lys Asp His Gly Gly Ser Gly Ser Pro Pro Phe Tyr Tyr Tyr Tyr

100

105

110

Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
 115 120 125

<210> 37
 <211> 113
 <212> PRT
 <213> Homo sapiens

<400> 37

Asp Ile Leu Met Thr Gln Thr Pro Leu Ser Leu Ser Val Thr Pro Gly
 1 5 10 15

Gln Pro Ala Ser Ile Ser Cys Lys Ser Ser Gln Ser Leu Leu His Gly
 20 25 30

Asp Gly Lys Thr Tyr Leu Tyr Trp Tyr Leu Gln Lys Pro Gly Gln Pro
 35 40 45

Pro Gln Phe Leu Ile Gln Glu Leu Ser Asn Arg Phe Ser Gly Val Pro
 50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
 65 70 75 80

Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Ser
 85 90 95

Leu Gln Leu Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Gln Ile Lys
 100 105 110

Arg

<210> 38
 <211> 119
 <212> PRT
 <213> Homo sapiens

<400> 38

Glx Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Tyr Tyr
 20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 35 40 45

Ala Val Ile Trp Tyr Asp Gly Arg Asn Lys Tyr Tyr Ala Asp Ser Val
 50 55 60

Lys Gly Arg Val Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
 65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Glu Gly Gly Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly
 100 105 110

Thr Thr Val Thr Val Ser Ser
 115

<210> 39
 <211> 109
 <212> PRT
 <213> Homo sapiens

<400> 39

Glu Ile Leu Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15

Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Asn Val Ser Ser Ser
 20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Asn Pro Gly Gln Ala Pro Arg Leu Leu
 35 40 45

Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
 50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
 65 70 75 80

Pro Glu Asp Phe Glu Val Tyr Tyr Cys Gln Gln Ser Gly Ser Ser Leu
 85 90 95

Phe Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
 100 105

<210> 40
 <211> 120
 <212> PRT
 <213> Homo sapiens

<400> 40

Glx Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Arg Ser Gly
 20 25 30

Asp His Tyr Trp Thr Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly His Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

Leu Lys Ser Arg Leu Thr Ile Ser Ile Asp Thr Ser Lys Asn Gln Phe
 65 70 75 80

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95

Cys Ala Arg Asp Tyr Gly Gly Asn Gly Tyr Phe Asp Tyr Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 41
 <211> 114
 <212> PRT
 <213> Homo sapiens

<400> 41

Asp Ile Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Thr Pro Gly
 1 5 10 15

Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Leu Asp Ser

20

25

30

Asp Asp Gly Asn Thr Tyr Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln
 35 40 45

Ser Pro Gln Leu Leu Ile Tyr Thr Leu Ser Tyr Arg Ala Ser Gly Val
 50 55 60

Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn
 65 70 75 80

Ile Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln
 85 90 95

Arg Ile Glu Phe Pro Ile Thr Phe Gly Gln Gly Thr Arg Leu Glu Ile
 100 105 110

Lys Arg

<210> 42
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> Anti-IL-18 antibody CDR sequence

<220>
 <221> misc_feature
 <222> (1)
 <223> Xaa is Ser, Asn, His, Arg, or Tyr

<220>
 <221> misc_feature
 <222> (2)
 <223> Xaa is Tyr, Gly, Arg, Ser, or Cys

<220>
 <221> misc_feature
 <222> (3)
 <223> Xaa is Trp, Gly, Tyr, Asp, Ser, Val, or Ile

<220>
 <221> misc_feature
 <222> (4)

<223> Xaa is Ile, His, Trp, Tyr, Met, Leu, or Asp

<220>

<221> misc_feature

<222> (5)

<223> Xaa is Gly, Tyr, Ser, Asn, or His

<220>

<221> misc_feature

<222> (6)

<223> Xaa is Trp, or is not present

<220>

<221> misc_feature

<222> (7)

<223> Xaa is Thr, Ser, Gly, or is not present

<400> 42

Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1

5

<210> 43

<211> 17

<212> PRT

<213> Artificial

<220>

<223> Anti-IL-18 antibody CDR sequence

<220>

<221> misc_feature

<222> (1)

<223> Xaa is Phe, Tyr, His, Ser, or Val

<220>

<221> misc_feature

<222> (2)

<223> Xaa is Ile, or Phe

<220>

<221> misc_feature

<222> (3)

<223> Xaa is Tyr, Ser, or Trp

<220>

<221> misc_feature

<222> (4)

<223> Xaa is Pro, Tyr, or Ser

<220>

<221> misc_feature

<222> (5)

<223> Xaa is Gly, Ser, Arg, or Asp

<220>

<221> misc_feature

<222> (6)

<223> Xaa is Asp, or Gly

<220>

<221> misc_feature

<222> (7)

<223> Xaa is Ser, Thr, Gly, or Arg

<220>

<221> misc_feature

<222> (8)

<223> Xaa is Glu, Thr, Ile, or Asn

<220>

<221> misc_feature

<222> (9)

<223> Xaa is Thr, Tyr, Asn, Ile, Lys, or His

<220>

<221> misc_feature

<222> (10)

<223> Xaa is Arg , Tyr , or Ser

<220>

<221> misc_feature

<222> (11)

<223> Xaa is Tyr, Asn, or Ser

<220>

<221> misc_feature

<222> (12)

<223> Xaa is Ser, Pro, Ala, or Val

<220>

<221> misc_feature

<222> (13)

<223> Xaa is Pro, Ser, or Asp

<220>
 <221> misc_feature
 <222> (14)
 <223> Xaa is Thr, Leu, or Ser

<220>
 <221> misc_feature
 <222> (15)
 <223> Xaa is Phe, Lys, or Val

<220>
 <221> misc_feature
 <222> (16)
 <223> Xaa is Gln, Ser, or Lys

<220>
 <221> misc_feature
 <222> (17)
 <223> Xaa is Gly, or is not present

<400> 43

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15

Xaa

<210> 44
 <211> 18
 <212> PRT
 <213> Artificial

<220>
 <223> Anti-IL-18 antibody CDR sequence

<220>
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 <222> (1)
 <223> Xaa is Val, Asp, Glu, Ser, or Cys

<220>
 <221> misc_feature
 <222> (2)
 <223> Xaa is Gly, Arg, Asp, Ser, Lys, Leu, Tyr, or Ala

<220>
 <221> misc_feature

<222> (3)
 <223> Xaa is Ser, Gly, Tyr, or Arg

<220>
 <221> misc_feature
 <222> (4)
 <223> Xaa is Gly, Ser, Tyr, Asn, Thr, or Asp

<220>
 <221> misc_feature
 <222> (5)
 <223> Xaa is Trp, Ser, Ala, Gly, Tyr, or Thr

<220>
 <221> misc_feature
 <222> (6)
 <223> Xaa is Tyr, Gly, Ser, Phe, Trp, or Asn

<220>
 <221> misc_feature
 <222> (7)
 <223> Xaa is Pro, Ser, Phe, Tyr, Val, Gly, Trp, or Val

<220>
 <221> misc_feature
 <222> (8)
 <223> Xaa is Tyr, Phe, Asp, Pro, Met, Ile, or Asn

<220>
 <221> misc_feature
 <222> (9)
 <223> Xaa is Thr, Trp, Asp, Leu, Tyr, Glu, Pro, Phe, or Gly

<220>
 <221> misc_feature
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 <223> Xaa is Phe, Asp, Tyr, His, Val, Tyr, or is not present

<220>
 <221> misc_feature
 <222> (11)
 <223> Xaa is Asp, Tyr, Phe, Leu, or is not present

<220>
 <221> misc_feature
 <222> (12)
 <223> Xaa is Ile, Asp, Tyr, or is not present

<220>
<221> misc_feature
<222> (13)
<223> Xaa is Tyr, or is not present

<220>
<221> misc_feature
<222> (14)
<223> Xaa is Tyr, or is not present

<220>
<221> misc_feature
<222> (15)
<223> Xaa is Gly, or is not present

<220>
<221> misc_feature
<222> (16)
<223> Xaa is Met, or is not present

<220>
<221> misc_feature
<222> (17)
<223> Xaa is Asp, or is not present

<220>
<221> misc_feature
<222> (18)
<223> Xaa is Val, or is not present

<400> 44

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa Xaa

<210> 45
<211> 17
<212> PRT
<213> Artificial

<220>
<223> Anti-IL-18 antibody CDR sequence

<220>

<221> misc_feature
<222> (1)
<223> Xaa is Arg, or Lys

<220>
<221> misc_feature
<222> (2)
<223> Xaa is Ala, Gly, or Ser

<220>
<221> misc_feature
<222> (3)
<223> Xaa is Ser

<220>
<221> misc_feature
<222> (4)
<223> Xaa is Glu, Arg, Gln, or His

<220>
<221> misc_feature
<222> (5)
<223> Xaa is Ser, Ile, Thr, or Asn

<220>
<221> misc_feature
<222> (6)
<223> Xaa is Ile, Val, Leu, or Phe

<220>
<221> misc_feature
<222> (7)
<223> Xaa is Ser, Gly, Leu, Asn, or Arg

<220>
<221> misc_feature
<222> (8)
<223> Xaa is Ser, Gly, Tyr, Arg, Asn, His, or Asp

<220>
<221> misc_feature
<222> (9)
<223> Xaa is Asn, Gly, Tyr, Arg, or Ser

<220>
<221> misc_feature
<222> (10)
<223> Xaa is Leu, Tyr, Ser, or Asp

<220>
<221> misc_feature
<222> (11)
<223> Xaa is Ala, Leu, Asn, Val, Gly, or Asp

<220>
<221> misc_feature
<222> (12)
<223> Xaa is Ala, Asn, Glu, Lys, Gly, or is not present

<220>
<221> misc_feature
<222> (13)
<223> Xaa is Lys, Thr, Asn, or is not present

<220>
<221> misc_feature
<222> (14)
<223> Xaa is Asn, Tyr, Thr, or is not present

<220>
<221> misc_feature
<222> (15)
<223> Xaa is Tyr, Leu, or is not present

<220>
<221> misc_feature
<222> (16)
<223> Xaa is Leu, Cys, Tyr, or is not present

<220>
<221> misc_feature
<222> (17)
<223> Xaa is Ala, Asp, or is not present

<400> 45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10 15

Xaa

<210> 46
<211> 7
<212> PRT

<213> Artificial
 <220>
 <223> Anti-IL-18 antibody CDR sequence

 <220>
 <221> misc_feature
 <222> (1)
 <223> Xaa is Thr, Gly, Ser, Trp, or Glu

 <220>
 <221> misc_feature
 <222> (2)
 <223> Xaa is Ala, Val, Thr, Ile, or Leu

 <220>
 <221> misc_feature
 <222> (3)
 <223> Xaa is Ser, or Phe

 <220>
 <221> misc_feature
 <222> (4)
 <223> Xaa is Thr, Ile, Asn, Ser, Arg, or Tyr

 <220>
 <221> misc_feature
 <222> (5)
 <223> Xaa is Arg, or Leu

 <220>
 <221> misc_feature
 <222> (6)
 <223> Xaa is Ala, Gln, Glu, or Phe

 <220>
 <221> misc_feature
 <222> (7)
 <223> Xaa is Thr, or Ser

 <400> 46

 Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5

 <210> 47
 <211> 10
 <212> PRT
 <213> Artificial

<220>
 <223> Anti-IL-18 antibody CDR sequence

<220>
 <221> misc_feature
 <222> (1)
 <223> Xaa is Gln, or Met

<220>
 <221> misc_feature
 <222> (2)
 <223> Xaa is Gln, His, or Tyr

<220>
 <221> misc_feature
 <222> (3)
 <223> Xaa is Tyr, Asn, Gly, Ser, or Arg

<220>
 <221> misc_feature
 <222> (4)
 <223> Xaa is Asn, His, Tyr, Asp, Gly, Val, Leu, or Ile

<220>
 <221> misc_feature
 <222> (5)
 <223> Xaa is Asn, Gly, Ile, Tyr, Ser, Gln, Phe, or Glu

<220>
 <221> misc_feature
 <222> (6)
 <223> Xaa is Trp, Ser, Thr, Leu, Ile, or Phe

<220>
 <221> misc_feature
 <222> (7)
 <223> Xaa is Pro, Leu, Thr, Asp, or Ile

<220>
 <221> misc_feature
 <222> (8)
 <223> Xaa is Ser, Leu, Pro, Cys, Trp, Ile, or Phe

<220>
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 <223> Xaa is Ile, Thr, Ser, or is not present

<220>

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<222> (10)

<223> Xaa is Thr, or is not present

<400> 47

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1

5

10